


### NORD/LB Luxembourg S.A. Covered Bond Bank - Public-Sector Covered Bonds

#### Covered Bonds / Luxembourg

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Reporting as of: 31/03/2020 All amounts in EUR (unless otherwise specified)

For information on how to read this report, see the latest [Moody's Covered Bonds Sector Update](#)

Data as provided to Moody's Investors Service (note 1)

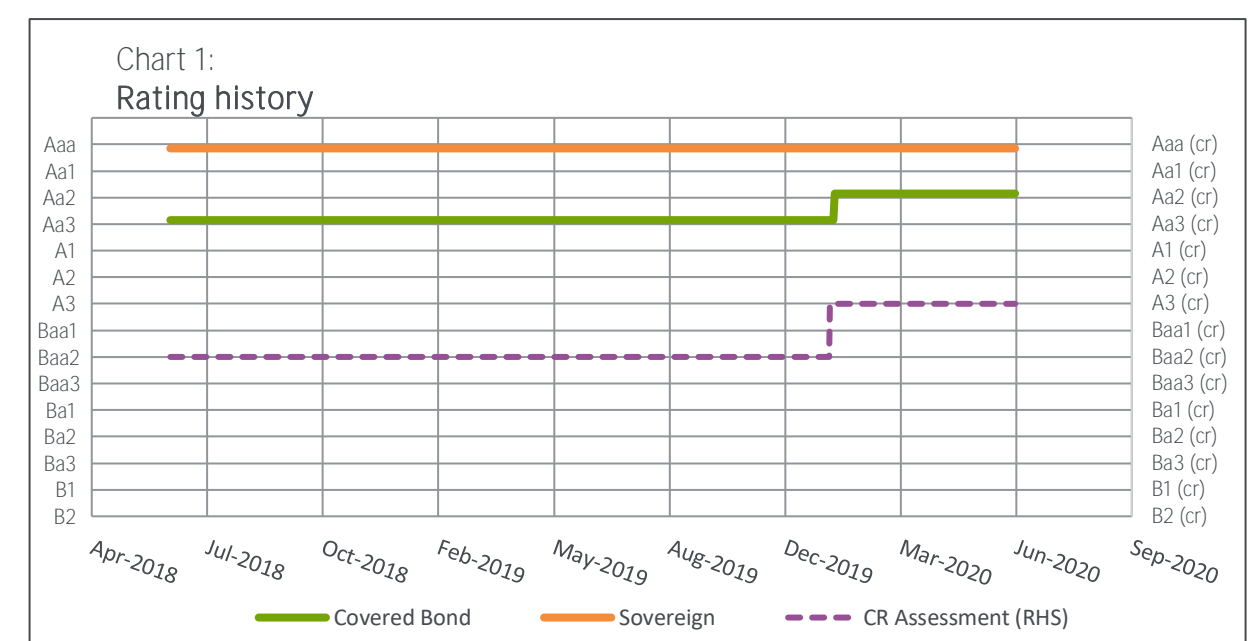
#### I. Programme Overview

##### Overview

Year of initial rating assignment:		2017
Total outstanding liabilities:	EUR	3,856,201,424
Total assets in the Cover Pool:	EUR	4,996,664,466
Issuer name / CR Assessment:	NORD/LB Luxembourg S.A. Covered Bond Bank / A3(cr)	
Group or parent name / CR Assessment:	Norddeutsche Landesbank GZ / A3(cr)	
Main collateral type:	Public Sector	

##### Ratings

Covered bonds rating:	Aa2
Entity used in Moody's EL & TPI analysis:	NORD/LB Luxembourg S.A. Covered Bond Bank
CB anchor:	CR Assessment + 1 notch
CR Assessment:	A3(cr)
SUR:	n/a
Unsecured claim used for Moody's EL analysis:	Yes



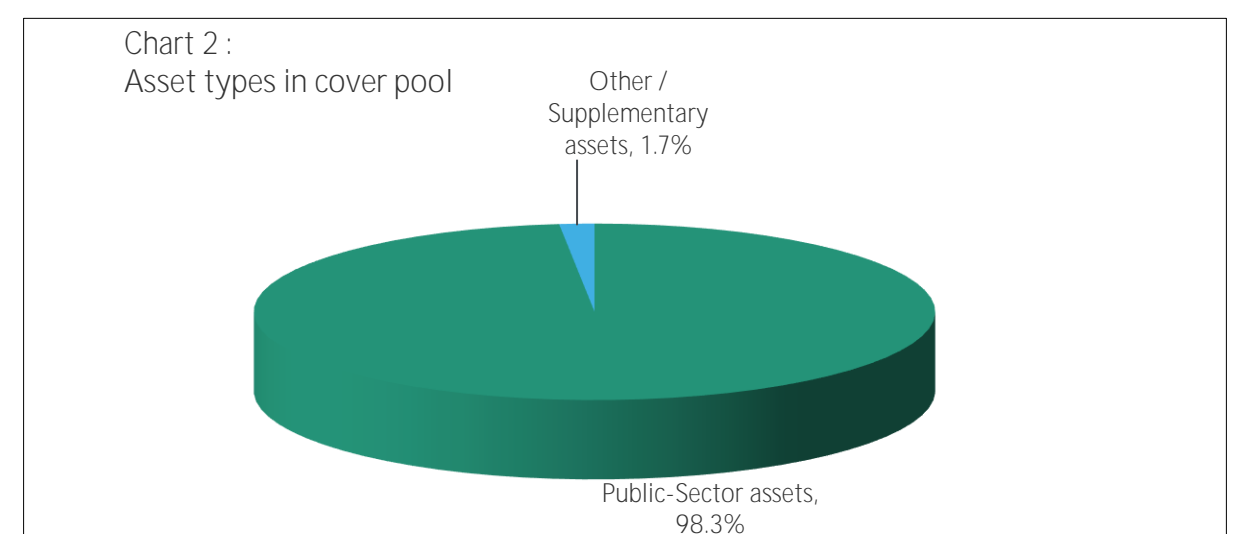
#### II. Value of the Cover Pool

##### Collateral quality

Collateral Score:	14.6%
Collateral Score excl. systemic risk:	n/a

##### Cover Pool losses

Collateral Risk (Collateral Score post-haircut):	7.3%	27%
Market Risk:	19.5%	73%
	26.8%	(100%)



#### III. Over-Collateralisation Levels (notes 2 & 3)

Over-Collateralisation (OC) figures presented below include Eligible only collateral. Over-Collateralisation levels are provided on nominal basis

##### Current situation

Committed OC (Nominal):	2.0%
Current OC:	28.4%
OC consistent with current rating (note 4)	4.0%

The OC consistent with the covered bond rating is maintained by the issuer on a nominal basis and a NPV basis

##### Sensitivity scenario CB anchor

	OC consistent with current rating	
Scenario 1: CB anchor is lowered by	1 notch	12.5%

Of which 0.0% over-collateralisation (OC) in committed form to be given full value. Moody's recognizes the 2.0% OC requirement in the Luxembourg legislation and the issuer's voluntary adherence ("Selbstverpflichtung") to liquidity and OC levels as detailed in its announcement on 31.05.2015

#### IV. Timely Payment Indicator & TPI Leeway

Timely Payment Indicator (TPI):	Probable
TPI Leeway:	3

##### Extract from TPI table - CB anchor is CR Assessment + 1 notch

CR Assessment	Probable
Aa3(cr)	Aaa
A1(cr)	Aaa
A2(cr)	Aaa
<b>A3(cr)</b>	<b>Aaa</b>
Baa1(cr)	Aaa
Baa2(cr)	Aa1
Baa3(cr)	Aa2
Ba1(cr)	A1

##### Legal framework

Does a specific covered bond law apply for this programme:	Yes, Luxembourg Covered Bond Law
Main country in which collateral is based:	Various
Country in which issuer is based:	Luxembourg

##### Timely payment

Refinancing period for principal payments of 6 months or greater:	No
Liquidity reserve to support timely payments on all issuances:	Yes

(note 1) The data reported in this PO is based on information provided by the issuer and may include certain assumptions made by Moody's. Moody's accepts no responsibility for the information provided to it and, whilst it believes the assumptions it has made are reasonable, cannot guarantee that they are or will remain accurate. Although Moody's encourages all issuers to provide reporting data in a consistent manner, there may be differences in the way that certain data is categorised by issuers. The data reporting template (which Issuers are requested to use) is available on request.

(note 2) This assumes the Covered Bonds rating is not constrained by the TPI. Also to the extent rating assumptions change following a downgrade or an upgrade of the Issuer, the necessary OC stated here may also change. This is especially significant in the case of CR assessments of A3(cr) or Baa1(cr), as the necessary OC following a 1 notch downgrade may then be substantially higher than the amount suggested here as market risks are considered more critically by Moody's at this time. In any event, the necessary OC amounts stated here are subject to change at anytime at Moody's discretion.

(note 3) This is the minimum OC calculated to be consistent with the current rating under Moody's expected loss model. However, the level of OC consistent with a given rating level may differ from this amount where ratings are capped under the TPI framework and, for example, where committee discretion is applied.

(note 4) The OC consistent with the current rating is the minimum level of over-collateralisation which is necessary to support the covered bond rating at its current level on the basis of the pool as per the cut-off date. The sensitivity run is based on certain assumptions, including that the Covered Bonds rating is not constrained by the TPI. Further, this sensitivity run is a model output only and therefore a simplification as it does not take into account certain assumptions that may change as an issuer is downgraded, and as a result the actual OC number consistent with the current rating may be higher than shown. The OC required may also differ from the model output in situations when committee discretion is applied. In any event, the OC amounts stated here are subject to change at any time at Moody's discretion.

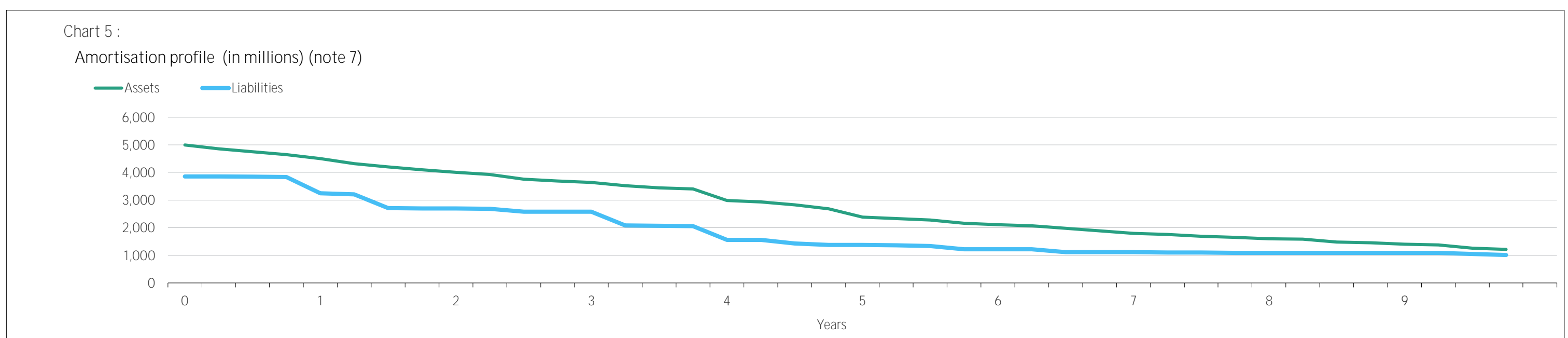
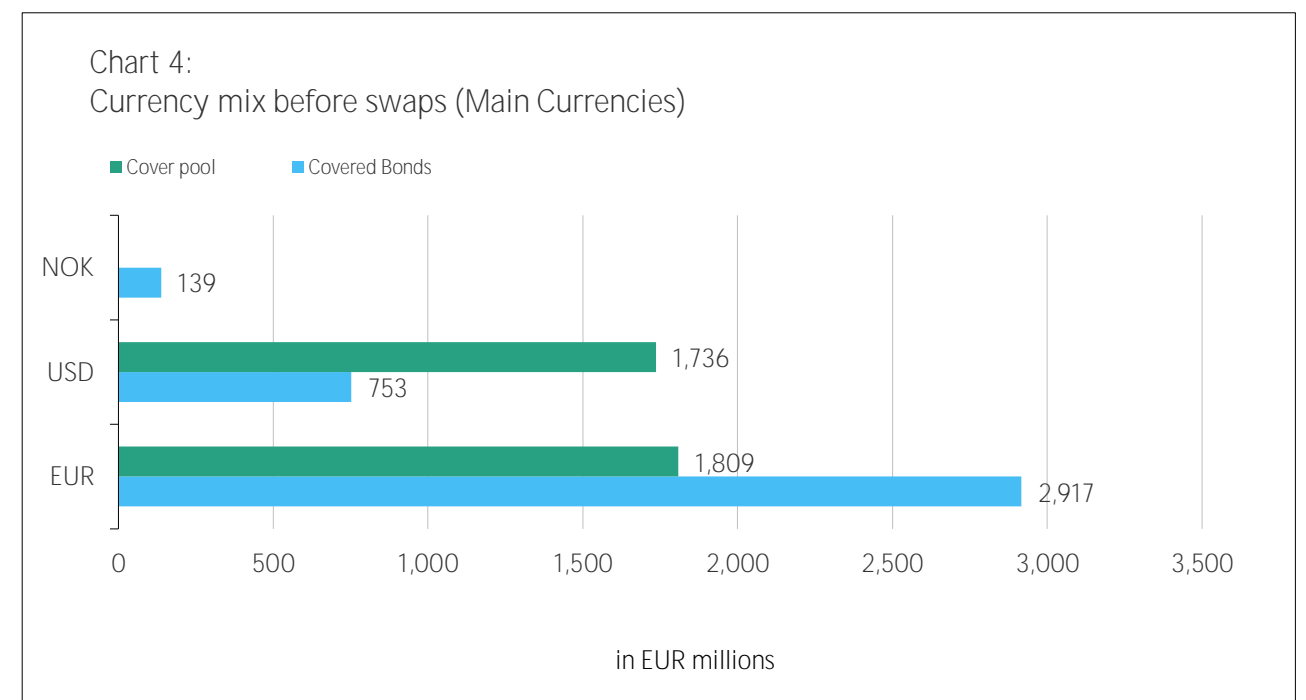
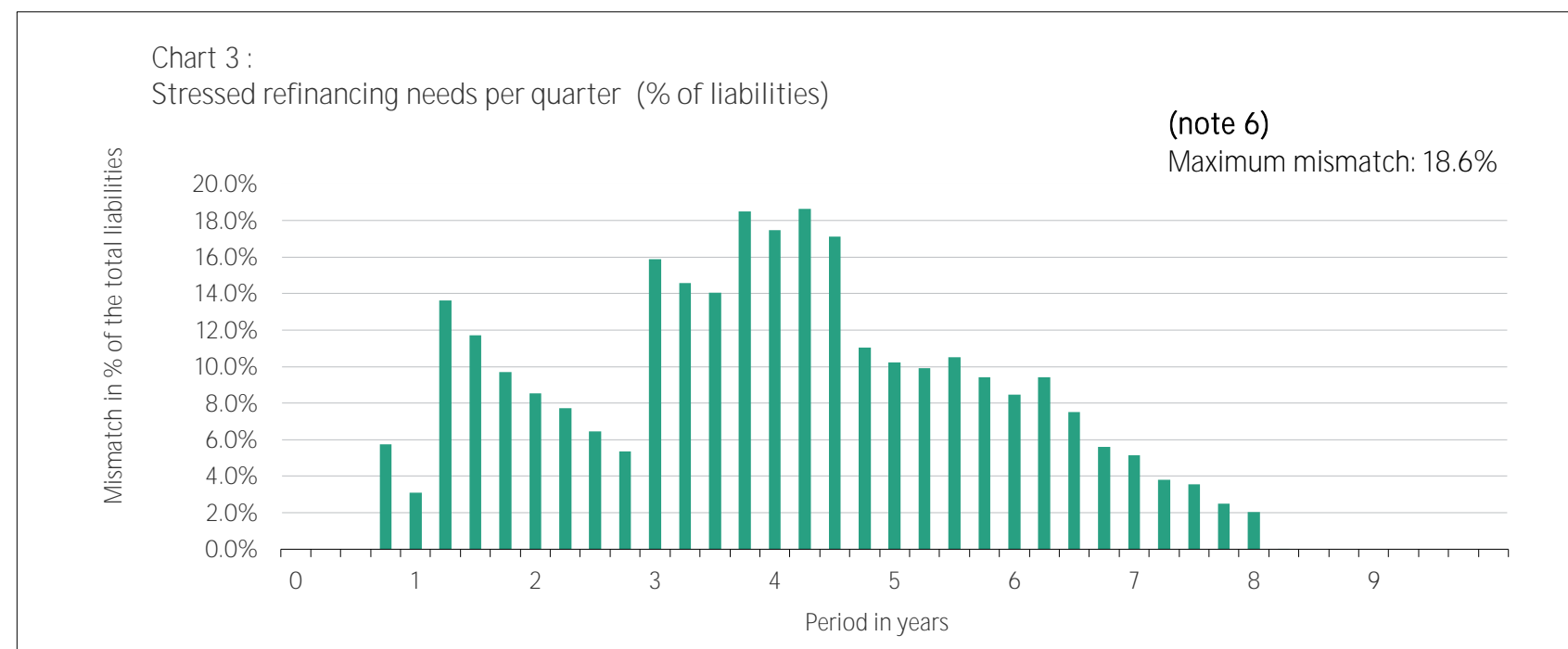
## V. Asset Liability Profile

### Interest Rate & Duration Mismatch (note 5)

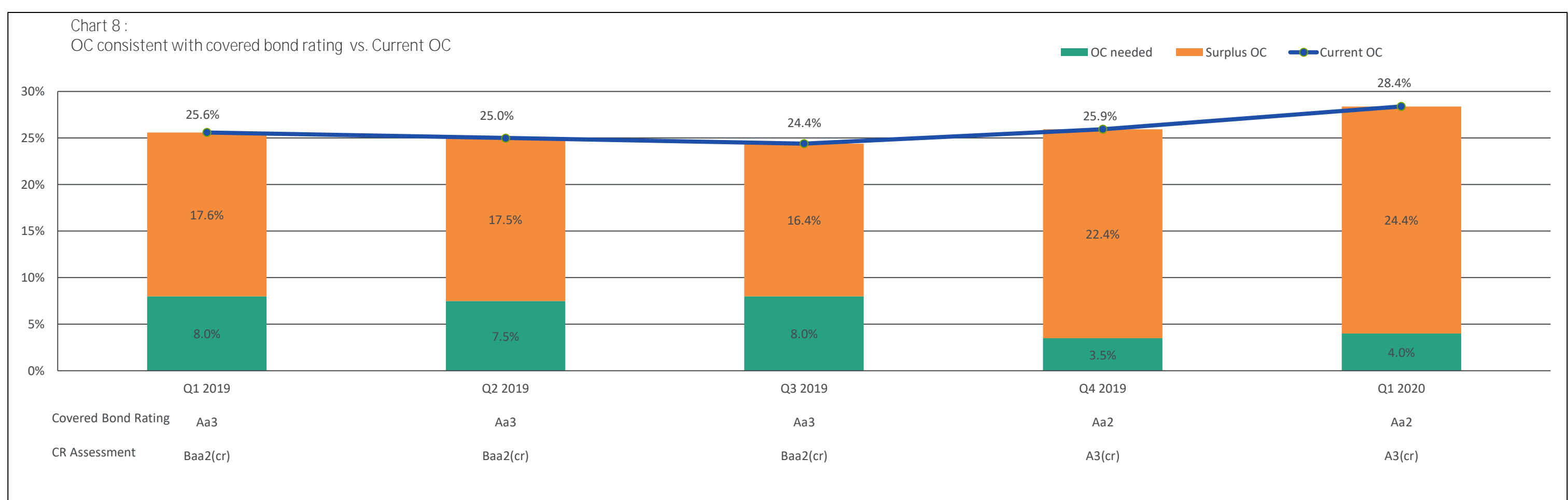
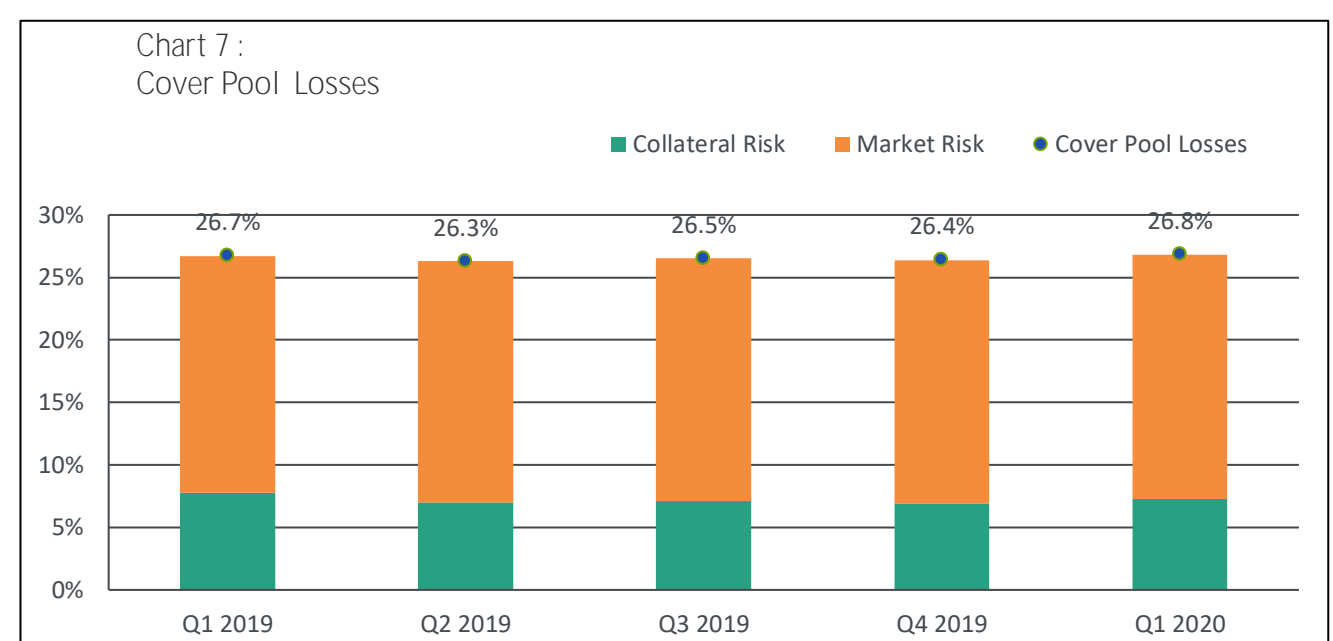
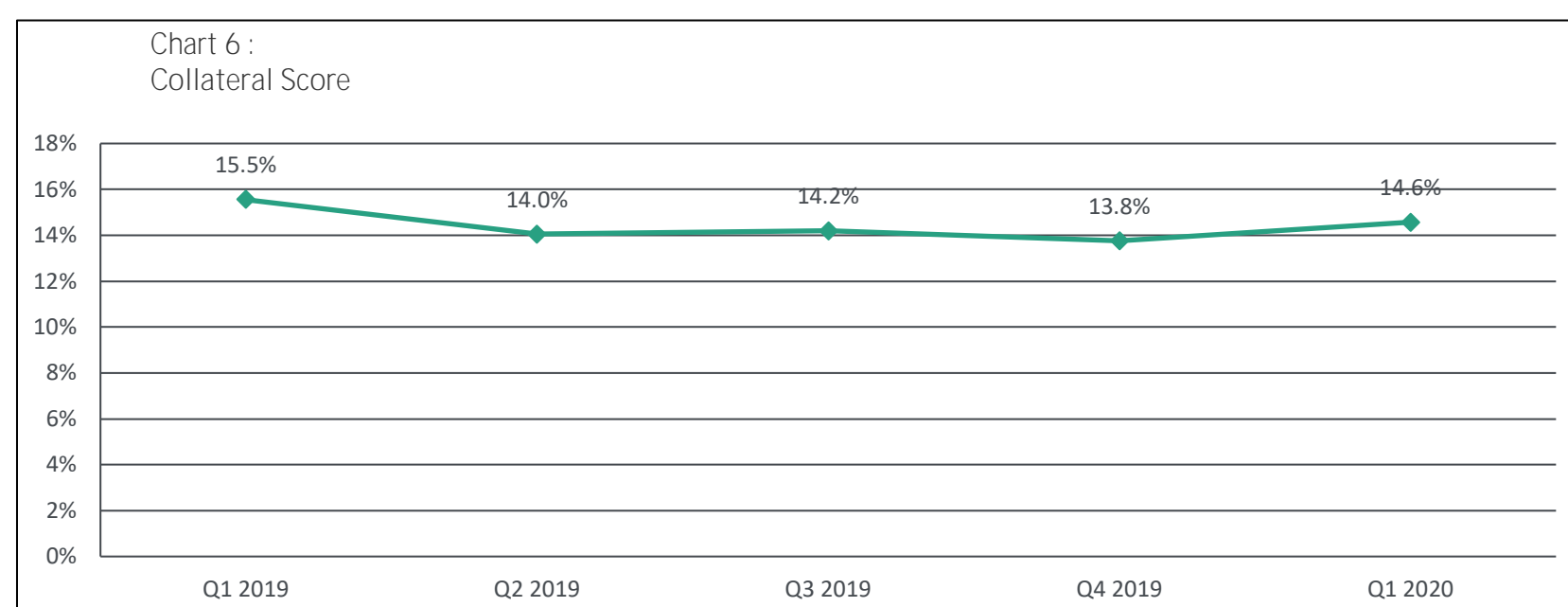
Fixed rate assets in the cover pool:	58.1%
Fixed rate covered bonds outstanding:	100.0%
WAL of outstanding covered bonds:	6.5 years
WAL of the cover pool:	7.1 years

### Swap Arrangements

Interest rate swap(s) in the Cover Pool:	Yes
Intra-group interest rate swap(s) provider(s):	Yes
Currency swap(s) in the Cover Pool:	Yes
Intra-group currency swap(s) provider(s):	Yes



## VI. Performance Evolution



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(note 5) This assumes no prepayment.

(note 6) Based on principal flows only. Assumptions include no prepayments, principal collections limited to the portion of assets that make up the amount of the liabilities plus committed OC, no further CB issuance and no further assets added to the cover pool.

(note 7) Assumptions include no swap in place in Cover Pool, no prepayment and no further CB issuance.

VII. Cover Pool Information - Public Sector Assets

Overview

Asset type:	Public Sector
Asset balance:	4,913,664,466
WA remaining Term (in months):	125
Number of borrowers:	206
Number of loans / bonds:	354
Exposure to the 10 largest borrowers:	26.6%
Average exposure to borrowers:	23,852,740

Specific Loan and Borrower characteristics

Repo eligible loans / bonds:	40.2%
Percentage of fixed rate loans / bonds:	57.3%
Percentage of bullet loans/ bonds:	27.4%
Loans / bonds in non-domestic currency:	64.9%
<b>Performance</b>	
Loans / bonds in arrears (≥ 2months - < 6months):	0.0%
Loans / bonds in arrears (≥ 6months - < 12months):	0.0%
Loans / bonds in arrears (≥ 12months):	0.0%
Loans / bonds in a foreclosure procedure:	0.0%

	USA	UK	Germany	Other	Totals
Direct claim against supranational	0.0%	0.0%	0.0%	0.9%	0.9%
Direct claim against sovereign	0.0%	0.0%	0.0%	2.0%	2.0%
Loan with guarantee of sovereign	0.1%	0.0%	0.3%	1.5%	1.9%
Direct claim against region/federal state	0.0%	0.0%	1.6%	1.8%	3.4%
Loan with guarantee of region/federal state	0.0%	0.0%	0.0%	3.0%	3.0%
Direct claim against municipality	0.3%	0.0%	0.0%	0.4%	0.7%
Loan with guarantee of municipality	10.5%	0.0%	0.0%	0.3%	10.8%
Others	16.8%	25.3%	22.7%	12.5%	77.3%
	27.7%	25.3%	24.6%	22.4%	

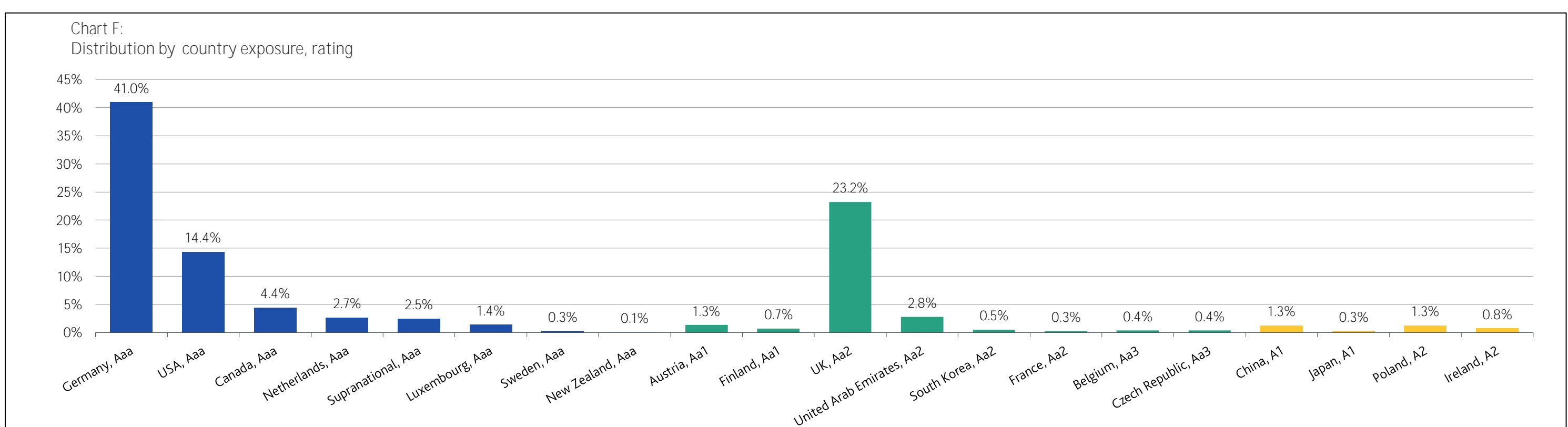
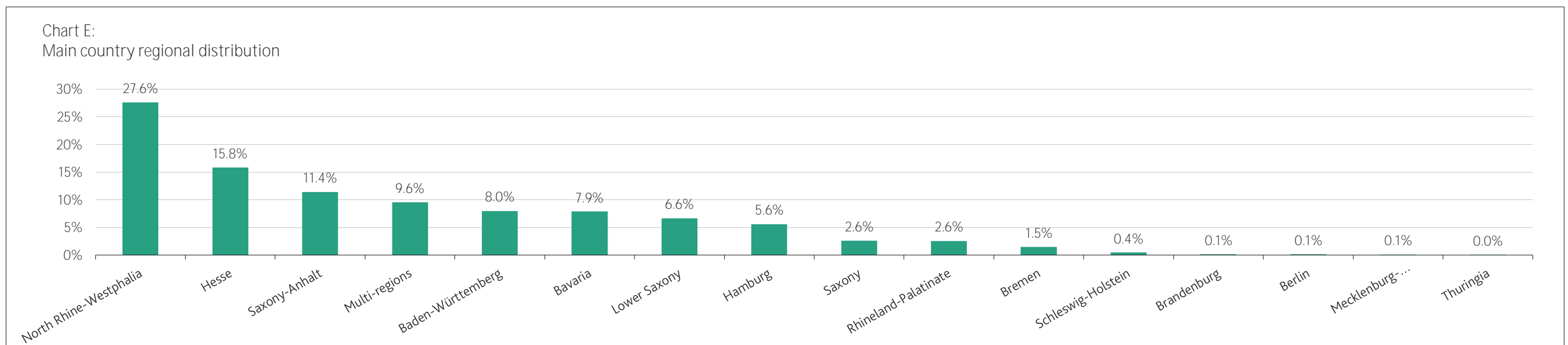
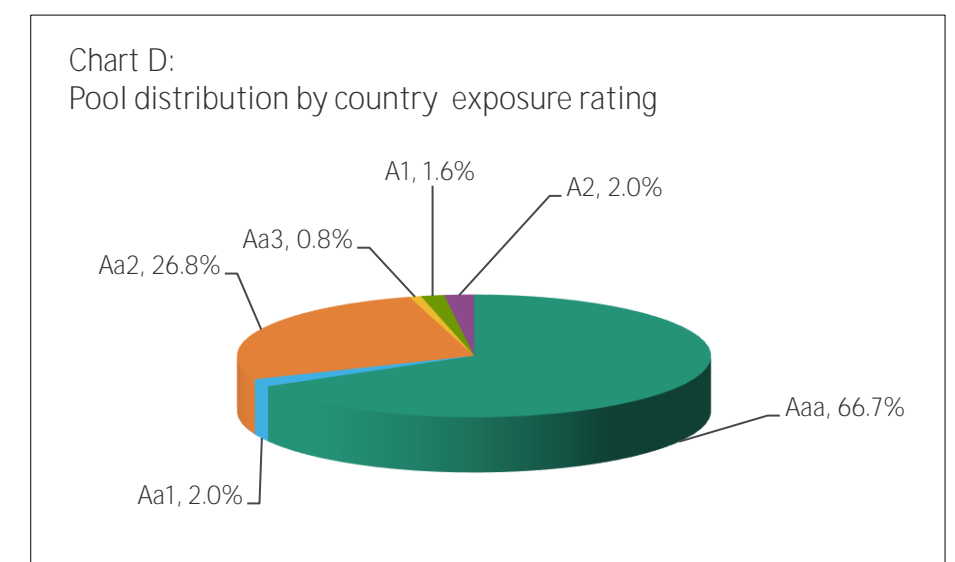
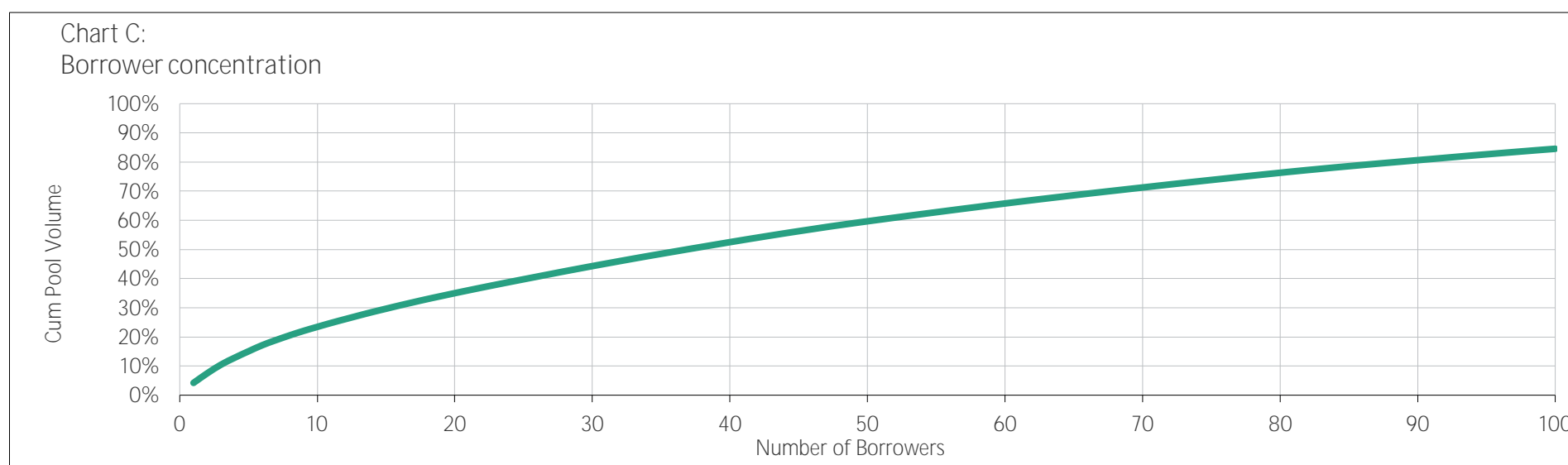
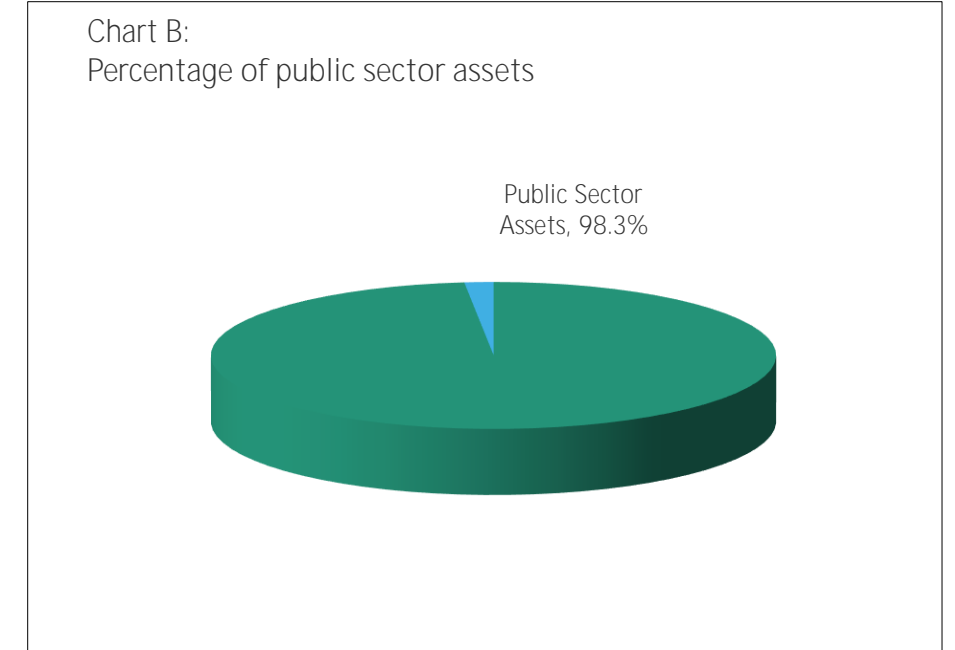


Table A and Chart C are based on debtor data. Charts D, E and F are based on guarantor data or, on unavailability of such information, on debtor data, as reported by the issuer.  
 NORD/LB Luxembourg S.A. Covered Bond Bank - Public-Sector Covered Bonds



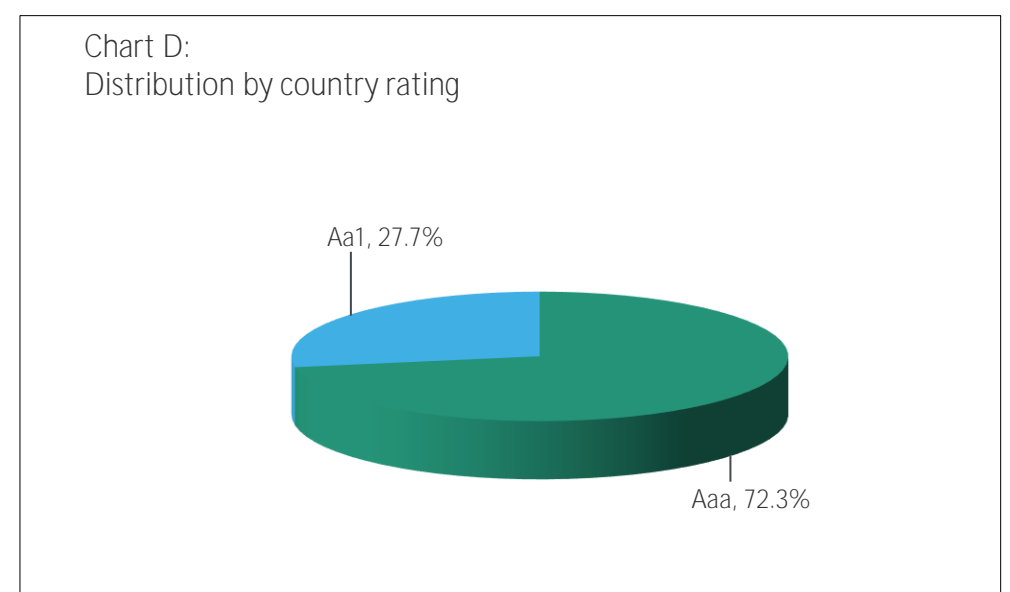
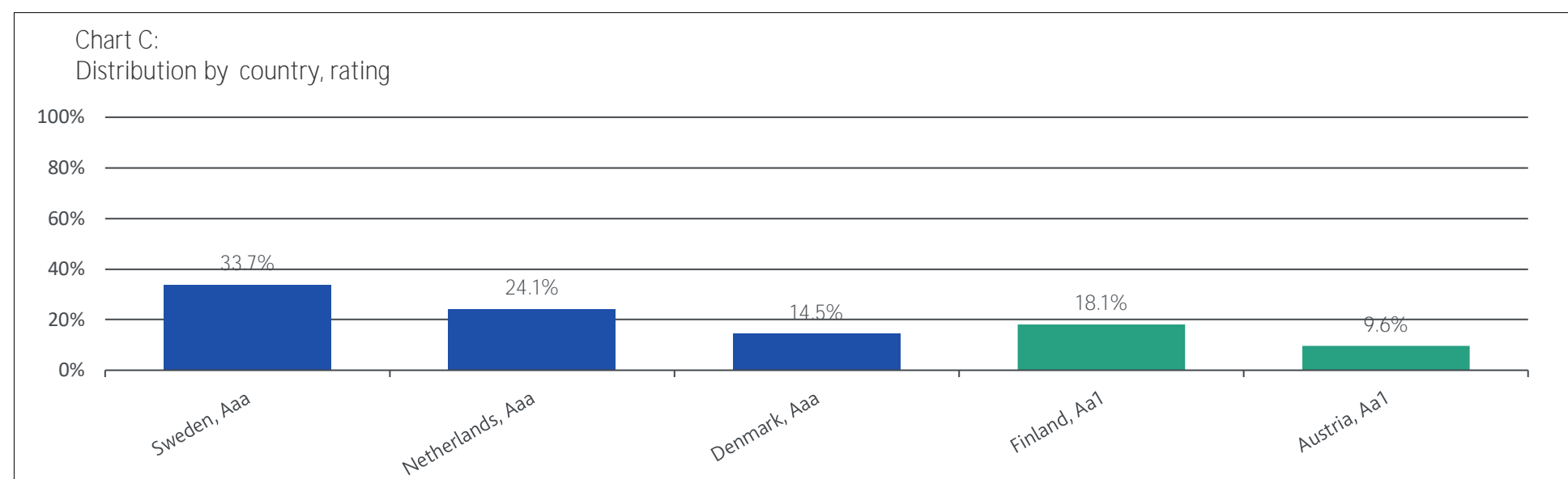
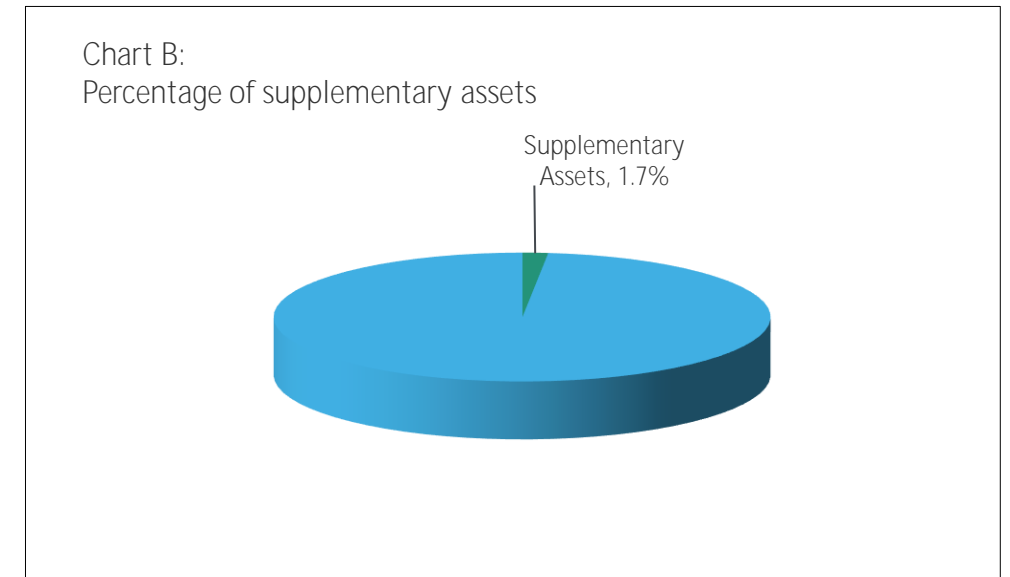
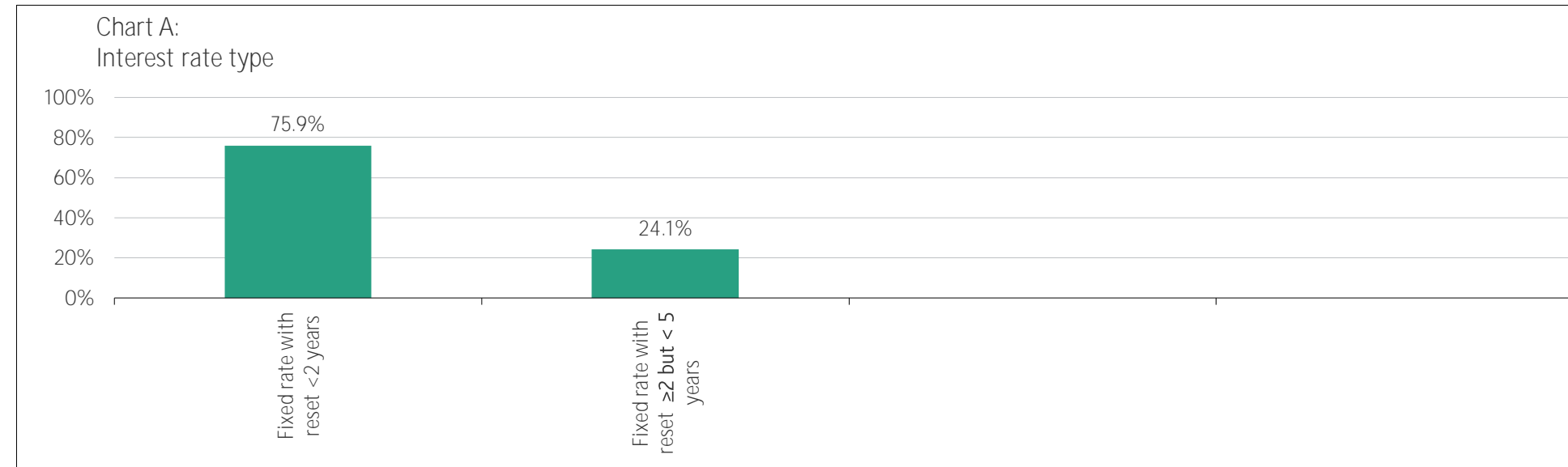
VIII. Cover Pool Information - Supplementary Assets

Overview

Asset type:	Supplementary Assets
Asset balance:	83,000,000
WA remaining Term (in months):	11
Number of assets:	6
Number of borrowers:	6
Average assets size:	13,833,333
Average exposure to borrowers:	13,833,333

Specific Loan and Borrower characteristics

Repo eligible assets:	100.0%
Percentage of fixed rate assets:	100.0%
Percentage of bullet assets:	100.0%
Assets in non-domestic currency:	0.0%
<b>Performance</b>	
Assets in arrears (≥ 2months - < 6months):	0.0%
Assets in arrears (≥ 6months - < 12months):	0.0%
Assets in arrears (> 12months):	0.0%
Assets in a enforcement procedure:	0.0%



## IX. Swap Information

Counterparty	Type	Notional Amount	Collateral trigger	Replacement Trigger
<b>Total</b>	<b>Total</b>	<b>3,342,138,193</b>		
	Currency	2,184,782,910		
	Interest rate	1,157,355,283		
<b>Norddeutsche Landesbank GZ</b>	<b>Subtotal</b>	<b>3,342,138,193</b>		
	Currency	2,184,782,910	n/d	n/d
	Interest rate	1,157,355,283	n/d	n/d

## X. Liabilities Information: Last 50 Issuances

ISIN	Series Number	Currency	Outstanding Amount	Issuance Date	Expected Maturity	Legal Final Maturity	Interest Rate Type	Coupon	Principal Payment
XS2113935212	EMTN Series 113	EUR	12,000,000	07/02/2020	30/09/2037	30/09/2037	Fixed rate	0.542%	BULLET
XS1959949196	EMTN Series 110	EUR	500,000,000	07/03/2019	07/03/2024	07/03/2024	Fixed rate	0.375%	BULLET
XS1769800019	EMTN Series 102	USD	650,000,000	16/02/2018	16/02/2021	16/02/2021	Fixed rate	2.875%	BULLET
XS1734579441	EMTN Series 100	EUR	25,000,000	13/12/2017	13/12/2024	13/12/2024	Fixed rate	0.490%	BULLET
XS1623756019	EMTN Series 98	USD	75,000,000	06/06/2017	03/08/2026	03/08/2026	Fixed rate	2.880%	BULLET
XS1617529323	EMTN Series 97	EUR	10,000,000	23/05/2017	23/05/2022	23/05/2022	Fixed rate	0.300%	BULLET
XS1569741884	EMTN Series 94	EUR	500,000,000	23/02/2017	23/08/2021	23/08/2021	Fixed rate	0.250%	BULLET
XS1432510631	EMTN Series 87	EUR	500,000,000	15/06/2016	15/06/2023	15/06/2023	Fixed rate	0.375%	BULLET
XS1327548530	EMTN Series 80	EUR	5,000,000	02/12/2015	02/12/2024	02/12/2024	Fixed rate	0.850%	BULLET
XS1152098338	EMTN Series 71	USD	100,000,000	11/12/2014	08/07/2024	08/07/2024	Fixed rate	3.000%	BULLET
XS0630821980	EMTN Series 61	NOK	500,000,000	25/05/2011	25/05/2021	25/05/2021	Fixed rate	5.000%	BULLET
XS0557954368	EMTN Series 57	EUR	5,000,000	12/11/2010	05/11/2020	05/11/2020	Fixed rate	3.125%	BULLET
XS0307349125	EMTN Series 5	NOK	1,000,000,000	06/09/2007	06/09/2022	06/09/2022	Fixed rate	5.670%	BULLET
XS0306020057	EMTN Series 4	NOK	100,000,000	20/06/2007	20/06/2022	20/06/2022	Fixed rate	5.600%	BULLET
CH0030943903	EMTN Series 1	CHF	50,000,000	23/05/2007	23/05/2033	23/05/2033	Fixed rate	3.193%	BULLET

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